

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|-----------------|------------------|---------|------------------|
| L7 | 6081 | 375/259,260,261,262,265,295,316.ccls. | US-PGPUB; USPAT | OR | ON | 2006/10/20 11:56 |
| L8 | 10443 | 375/130,140,141,145,259,260,261,262,265,295,316,340,341.ccls. | US-PGPUB; USPAT | OR | ON | 2006/10/20 12:00 |
| L9 | 0 | "714,699,746,786,794,795".ccls. | US-PGPUB; USPAT | OR | ON | 2006/10/20 12:01 |
| L10 | 2136 | 714/699,746,786,794,795.ccls. | US-PGPUB; USPAT | OR | ON | 2006/10/20 12:03 |
| L11 | 10 | CHOI-WON-JOON.in. | US-PGPUB; USPAT | OR | ON | 2006/10/20 12:03 |
| L12 | 5 | SUN-QINFANG.in. | US-PGPUB; USPAT | OR | ON | 2006/10/20 12:03 |
| L13 | 29 | GILBERT-JEFFREY-M.in. | US-PGPUB; USPAT | OR | ON | 2006/10/20 12:04 |
| S1 | 187 | (convolution\$4 near4 encod\$3 near4 data) same (repeat\$3 or repetition\$3) | US-PGPUB; USPAT | OR | ON | 2006/10/17 16:48 |
| S2 | 1 | (convolution\$4 near4 encod\$3 near4 data) same (en\$1hanc\$4 near3 transmi\$5 near3 data) with (repeat\$3 or repetition\$3) | US-PGPUB; USPAT | OR | ON | 2006/10/17 16:50 |
| S3 | 76 | (convolution\$4) same (repeat\$3 or repetition\$3) near3 encod\$3 near3 data | US-PGPUB; USPAT | OR | ON | 2006/10/17 17:03 |
| S4 | 30426 | wire\$1less with channel | US-PGPUB; USPAT | OR | ON | 2006/10/17 16:51 |
| S5 | 12 | S3 and S4 | US-PGPUB; USPAT | OR | ON | 2006/10/17 16:51 |
| S6 | 2 | (convolution\$4) same (repeat\$3 or repetition\$3) near3 encod\$3 near3 data same combin\$2 same decod\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/17 17:04 |
| S10 | 2 | "10263415" | US-PGPUB; USPAT | OR | ON | 2006/10/18 15:40 |
| S11 | 49 | (convolution\$2 near3 encoder) same (repetition near4 encoder) | US-PGPUB; USPAT | OR | ON | 2006/10/18 11:19 |
| S12 | 161 | pseudo\$1random near3 mask\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/18 10:56 |
| S13 | 1 | S11 and S12 | US-PGPUB; USPAT | OR | ON | 2006/10/18 10:56 |
| S14 | 5 | (cascad\$3 or multiple or series) same (convolution\$2 near3 encoder) same (repetition near4 encoder) | US-PGPUB; USPAT | OR | ON | 2006/10/18 11:19 |

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| S20 | 25 | "6510536" | US-PGPUB; USPAT | OR | ON | 2006/10/18 11:30 |
| S27 | 10 | "6477210" | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:20 |
| S34 | 2764 | receiver same (combin\$2) same (decoder) | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:35 |
| S35 | 78 | (convolution\$2 with repetition) with encoder | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:26 |
| S36 | 19 | S34 and S35 | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:26 |
| S37 | 1 | receiver near3 (combin\$2) near3 (viterbi with decoder) | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:35 |
| S38 | 19 | receiver near3 (combin\$2) with (viterbi with decoder) | US-PGPUB; USPAT | OR | ON | 2006/10/18 12:36 |
| S39 | 32 | "5946356" | US-PGPUB; USPAT | OR | ON | 2006/10/18 13:09 |
| S40 | 88 | (time) near3 domain same frequency near5 domain same ((peak near4 average near3 ratio) or ("par")) | US-PGPUB; USPAT | OR | ON | 2006/10/18 14:12 |
| S41 | 39819 | encoder same decoder | US-PGPUB; USPAT | OR | ON | 2006/10/18 14:11 |
| S42 | 7 | S40 and S41 | US-PGPUB; USPAT | OR | ON | 2006/10/18 14:11 |
| S43 | 62 | S40 and wireless | US-PGPUB; USPAT | OR | ON | 2006/10/18 14:13 |
| S44 | 55 | S43 not S42 | US-PGPUB; USPAT | OR | ON | 2006/10/18 14:23 |
| S45 | 3 | (encoder) with (repetition) same (frequency near3 domain) same (time near3 domain) | US-PGPUB; USPAT | OR | ON | 2006/10/18 14:24 |
| S46 | 1 | (encod\$3) near3 pseudo\$1random near3 mask\$3 same (re\$1mov\$3) near3 mask\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:52 |
| S47 | 1 | (encod\$3) with pseudo\$1random near3 mask\$3 same (re\$1mov\$3) near3 mask\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:52 |
| S48 | 1 | (encod\$3) same pseudo\$1random near3 mask\$3 same (re\$1mov\$3) near3 mask\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:53 |
| S49 | 1 | (encod\$3) same pseudo\$1random near3 mask\$3 same (((re\$1mov\$3) near3 mask\$3) or de\$1mask\$3) | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:53 |
| S50 | 25 | (encod\$3) same pseudo\$1random near3 mask\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:53 |

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| S51 | 3 | (encod\$3) near2 pseudo\$1random near3 mask\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:55 |
| S52 | 22 | S50 not S51 | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:54 |
| S53 | 0 | (encod\$3) near2 pseudo\$1random near3 de\$1mask\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:55 |
| S54 | 0 | pseudo\$1random near3 de\$1mask\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:55 |
| S55 | 58173 | pseudo\$1random near3 de\$1mask\$3 or (remov\$3 near3 mask\$3) | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:56 |
| S56 | 58173 | (pseudo\$1random near3 de\$1mask\$3) or (remov\$3 near3 mask\$3) | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:56 |
| S57 | 1 | (pseudo\$1random near3 de\$1mask\$3) or (remov\$3 near3 pseudo\$1random near3 mask\$3) | US-PGPUB; USPAT | OR | ON | 2006/10/18 16:57 |
| S58 | 6 | ((pseudo\$1random or "pn")near3 de\$1mask\$3) or (remov\$3 near3 (pseudo\$1random or "pn")near3 mask\$3) | US-PGPUB; USPAT | OR | ON | 2006/10/18 17:03 |
| S59 | 1 | (repetition) with (encod\$3) same (frequency near5 domain) same (compensat\$3 with effect near6 sub\$1channel) | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:10 |
| S63 | 2 | (encod\$3) same (frequency near5 domain) and (compensat\$3 same effect near6 sub\$1channel) | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:13 |
| S65 | 2 | (encod\$3) same (compensat\$3 same effect\$3 near6 sub\$1channel) | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:15 |
| S66 | 34 | (encod\$3) same (effect\$3 near6 sub\$1channel) | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:15 |
| S67 | 0 | (encod\$3) same (effect\$3 near6 sub\$1channel) same channel with quality | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:15 |
| S68 | 5292 | (estimat\$3 or determin\$5 or calculat\$3 or evaluat\$3) with (channel with quality) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:42 |
| S69 | 35 | (viterbi) same (maximi\$6 near3 data) | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:17 |
| S70 | 13 | S68 and S69 | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:26 |
| S71 | 1614327 | (combin\$3) | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:26 |
| S72 | 3161 | S68 and S71 | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:26 |

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| S73 | 4455 | repetition same encod\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:27 |
| S74 | 94 | S72 and S73 | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:27 |
| S75 | 39418 | frequency with domain | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:27 |
| S76 | 22 | S74 and S75 | US-PGPUB; USPAT | OR | ON | 2006/10/19 10:27 |
| S77 | 32 | "5946356" | US-PGPUB; USPAT | OR | ON | 2006/10/19 11:54 |
| S78 | 29 | (phase near4 off\$1set\$4) same hard with decision | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:20 |
| S80 | 407267 | encod\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:01 |
| S81 | 10 | S78 and S80 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:42 |
| S82 | 4 | (estimat\$3 or determin\$5 or calculat\$3 or evaluat\$3) with (phase with off\$1set\$4) same (median) with (filter\$5 or equali\$6) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:43 |
| S83 | 4 | (estimat\$3 or determin\$5 or calculat\$3 or evaluat\$3) same (phase with off\$1set\$4) same (median) with (filter\$5 or equali\$6) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:44 |
| S84 | 4 | (estimat\$3 or determin\$5 or calculat\$3 or evaluat\$3) same (phase with off\$1set\$4) same (median) same (filter\$5 or equali\$6) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:44 |
| S85 | 7 | (phase with off\$1set\$4) same (median) same (filter\$5 or equali\$6) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:45 |
| S86 | 61 | (phase same off\$1set\$4) same (median) same (filter\$5 or equali\$6) | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:48 |
| S87 | 45 | S80 and S86 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:45 |
| S88 | 44 | S87 not S85 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:45 |
| S89 | 6620 | (median) same (filter\$5 or equali\$6) | US-PGPUB; USPAT | OR | ON | 2006/10/19 13:06 |
| S90 | 127034 | encoder | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:48 |
| S91 | 727 | S89 and S90 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:48 |

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| S92 | 4044 | convolution\$2 with encoder | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:48 |
| S93 | 51 | S89 and S92 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:48 |
| S94 | 7 | S93 not S88 | US-PGPUB; USPAT | OR | ON | 2006/10/19 12:48 |
| S95 | 4553 | (median) with(filter\$5 or equali\$6) | US-PGPUB; USPAT | OR | ON | 2006/10/19 13:06 |
| S96 | 6 | (phase with off\$1set\$4) same (median) with(filter\$5 or equali\$6) | US-PGPUB; USPAT | OR | ON | 2006/10/19 13:06 |
| S10 0 | 2645 | (filter\$5 or equali\$6) with (phase with off\$1set\$4) | US-PGPUB; USPAT | OR | ON | 2006/10/19 14:37 |
| S10 1 | 66479 | median | US-PGPUB; USPAT | OR | ON | 2006/10/19 14:35 |
| S10 2 | 61 | S100 and S101 | US-PGPUB; USPAT | OR | ON | 2006/10/19 14:35 |
| S10 4 | 4204 | hard with decision | US-PGPUB; USPAT | OR | ON | 2006/10/19 14:36 |
| S10 5 | 5 | S102 and S104 | US-PGPUB; USPAT | OR | ON | 2006/10/19 14:36 |
| S10 6 | 1 | median near4 (filter\$5 or equali\$6) with (phase with off\$1set\$4) | US-PGPUB; USPAT | OR | ON | 2006/10/19 14:37 |
| S10 7 | 6 | median near4 (filter\$5 or equali\$6) same (phase with off\$1set\$4) | US-PGPUB; USPAT | OR | ON | 2006/10/19 16:29 |
| S10 8 | 16 | (negative or opposite) near2 pseudo\$1random near4 (mask\$3 or generat\$3) | US-PGPUB; USPAT | OR | ON | 2006/10/19 15:38 |
| S10 9 | 1 | (weigh\$4) near4 data same quality with sub\$1channel | US-PGPUB; USPAT | OR | ON | 2006/10/19 16:31 |
| S11 0 | 1 | (weigh\$4) with data same quality with sub\$1channel | US-PGPUB; USPAT | OR | ON | 2006/10/19 16:31 |
| S11 1 | 7 | (weigh\$4) same quality with sub\$1channel | US-PGPUB; USPAT | OR | ON | 2006/10/19 16:32 |
| S11 2 | 39 | (weigh\$4 or aggregat\$3 or sum\$6) same quality with sub\$1channel | US-PGPUB; USPAT | OR | ON | 2006/10/19 16:32 |
| S11 3 | 32 | S112 not S111 | US-PGPUB; USPAT | OR | ON | 2006/10/19 16:33 |
| S11 4 | 4 | S113 and viterbi | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:19 |
| S11 5 | 42489 | mask near2 remov\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:23 |
| S11 6 | 329 | encoder same hard with decision | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:24 |

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| S11 7 | 2 | S115 and S116 | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:20 |
| S11 8 | 58245 | mask near5 remov\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:24 |
| S11 9 | 3 | S116 and S118 | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:23 |
| S12 0 | 465 | encoder same phase with offset | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:24 |
| S12 1 | 3 | S118 and S120 | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:24 |
| S12 2 | 14567 | (repetition or repeat\$3) near4 cod\$3 | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:25 |
| S12 3 | 37 | S118 and S122 | US-PGPUB; USPAT | OR | ON | 2006/10/19 17:25 |